



MUM

COPY OF PAPERS
FINALLY FILEDPage 1 of 1
MP/JP
DJR

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/023,924	12/18/2001	Kiran Kuchi	4925-165CIP

CONFIRMATION NO. 4869

FORMALITIES LETTER



OC00000007313767

16 Mar 02

COHEN, PONTANI, LIEBERMAN & PAVANE
Suite 1210
551 Fifth Avenue
New York, NY 10176

Date Mailed: 01/16/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

03/19/2002 BABRAHA1 00000097 10023924

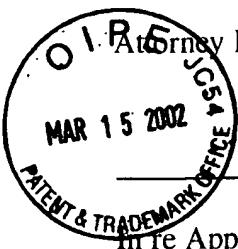
01 FC:105

130.00 OP

CONTRACT NUMBER 3 PAVANE

12 2002

POS004US0



Attorney Docket # 4925-165CIP

COPY OF PAPERS
ORIGINALLY FILED

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Kiran KUCHI et al.

Serial No.: 10/023,924

Filed: December 18, 2001

For: ISI-Robust Slot Formats for Non-
Orthogonal Based Space-Time Block
Codes

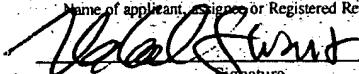
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

March 8, 2002

(Date of Deposit)

Michael C. Stuart

Name of applicant, assignee or Registered Representative



Signature

March 8, 2002

Date of Signature

**RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NONPROVISIONAL APPLICATION -FILING DATE GRANTED**

Assistant Commissioner for Patents
Washington, D.C. 20231

SIR:

In order to complete the filing of missing parts for the above-identified application, applicant(s) submit(s) herewith the following:

- Executed Declaration and Power of Attorney (attached to a copy of the application as originally filed). The application filed in the U.S. Patent and Trademark Office is the application which the inventor(s) executed by signing the enclosed Declaration.
- Check in the amount of \$130.00 to cover the late filing of the Declaration and Power of Attorney, as required by 37 CFR 1.16(e).
- Assignment of the invention to **Nokia Corporation**
- Recordation cover sheet - PTO Form 1595
- Check in the amount of \$40.00 to cover the recordation fee
- Copy of Notice to File Missing Parts of Nonprovisional Application

If an extension of time to respond to this Notice To File Missing Parts of Application is required, then this paper also constitutes an express request for such an extension of time.

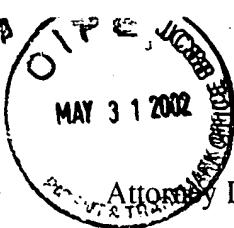
In the event that any additional fees or charges are deemed necessary in connection with the application at the present time, the same may be charged to our Patent and Trademark Office Deposit Account No. 03-2412.

Respectfully submitted,
COHEN, PONTANI, LIEBERMAN & PAVANE

By: 

Michael C. Stuart
Reg. No. 35,698
551 Fifth Avenue
New York, New York 10176
(212) 687-2770

Dated: 8 March 2002



Attorney Docket # 4925-165CIP

COPY OF PAPERS
ORIGINALLY FILED

FILE COPY

Patent

Receipt
R

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art: 2681
#5

In re Application of

Kiran KUCHI et al.

Serial No.: 10/023,924

Filed: December 18, 2001

For: ISI-Robust Slot Formats for Non-Orthogonal
Based Space-Time Block Codes

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

May 15, 2002
(Date of Deposit)

Michael C. Stuart

Name of applicant, assignee or Registered Representative

Michael C. Stuart
Signature

May 15, 2002
Date of Signature

REQUEST FOR CORRECTION

RECEIVED
JUL 01 2002

RECEIVED
JUN 21 2002
TC 170

Assistant Commissioner for Patents
Washington, D.C. 20231

SIR:

Technology Center 2600

Attached is a copy of the official filing receipt received from the U.S. Patent and Trademark Office in the above-identified application.

There is an error in: The domestic priority data. The date should read 3/30/2000 not
9/29/2000

It is respectfully requested that a corrected filing receipt be issued.

Respectfully submitted,
COHEN, PONTANI, LIEBERMAN & PAVANE

By:

Michael C. Stuart
Michael C. Stuart
Reg. No. 35,698
551 Fifth Avenue, Suite 1210
New York, New York 10176
(212) 687-2770

Dated: May 15, 2002



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/023,924	12/18/2001	2681	1230	4925-165CIP	5	40	3



COHEN, PONTANI, LIEBERMAN & PAVANE
Suite 1210
551 Fifth Avenue
New York, NY 10176

CONFIRMATION NO. 4869
UPDATED FILING RECEIPT

OC00000007838499

Date Mailed: 04/10/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Kiran Kuchi, Irving, TX;
Olav Tirkkonen, Helsinki, FINLAND;
Ari Hottinen, Espoo, FINLAND;

RECEIVED

JUL 01 2002

Technology Center 2600

Assignment For Published Patent Application

Nokia Corporation;

03/30/2000

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CIP OF 09/676,373 09/29/2000 *
AND A CIP OF PCT/FI00/00916 09/04/2000
(*) Data inconsistent with PTO records.

Foreign Applications

FINLAND 20002845 12/22/2000
FINLAND 20011357 06/25/2001

If Required, Foreign Filing License Granted 01/15/2002

Projected Publication Date: 07/18/2002

Non-Publication Request: No

Early Publication Request: No

RECEIVED
JUN 21 2002
TC 1700

PSCCHUSO

Title

ISI-robust slot formats for non-orthogonal-based space-time block codes

Preliminary Class

455

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related application(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).